



SugarTM Drive

Based on a rare and mythical overdrive pedal, the Sugar Drive provides a diverse range of clear and transparent tones, from sauced up boosting to rich overdrive.

External Controls



- 1 VOLUME knob sets overall effect volume
- 2 TONE knob rolls off high frequencies
- 3 DRIVE knob sets the amount of overdrive
- 4 BUFFER switch selects buffered bypass (indicated by blue LED)
- 5 FOOTSWITCH toggles effect on/bypass (blue LED indicates on)
- 6 By default, the M294 is set to true bypass switching. For buffered bypass switching, set the BUFFER switch to its RIGHT position.

Basic Operation

Power

The MXR Sugar Drive is powered by the Dunlop ECB003 9-volt adapter or the DC Brick™ and Iso-Brick™ power supplies.

Operation

- 1 Start with all controls at 12 o'clock.
- 2 Turn the effect on by depressing the FOOTSWITCH.
- 3 Rotate the VOLUME knob clockwise to increase the overall effect volume or counterclockwise to decrease it.
- 4 Rotate the TONE knob clockwise for a brighter sound or counterclockwise for a warmer sound.
- 5 Rotate the DRIVE knob clockwise to increase amount of overdrive or counterclockwise to decrease it.

Specifications

Input Impedance	600 k \wedge
Output Impedance	3 k \wedge
Nominal Input Level	+6 dBV
Maximum Output Level True Bypass without Buffer selected	+26 dBV
Tone control (@ full CCW):	-20 dB @ 3 kHz
Current Draw	18.5 mA @ 9 VDC
Power Requirements	9 VDC (ECB003 AC adapter)
Throughput Gain	up to +50 dB @ 1kHz

All measurements made at 1 kHz, speed at mid position.